

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,789,022 B2  
APPLICATION NO. : 09/837560  
DATED : September 7, 2004  
INVENTOR(S) : Betsy M. Sutherland

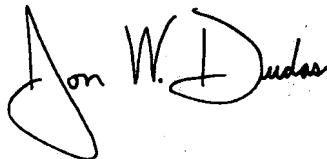
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

1. Column 14: in Claim 1, line 43, delete "leaving" and insert -- cleaving --.
2. Column 15: in Claim 8, line 2, delete "cleaning" and insert -- cleaving --.
3. Column 16: in Claim 19, line 11, delete "determine" and insert -- determined --.
4. Column 16: in Claim 22, line 24, delete "Y-rays" and insert --  $\gamma$ -rays --.

Signed and Sealed this

Fourteenth Day of August, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*